WATER WELL RECORD (WWC5.2)

Constructed

KOLAR DOC ID 1956961 WELL ID

LOCATION OF WATER WELL

County	Russell	Section	36	Township	12	Range	11 ☐E ☑W	Fraction	SE ¼	NE ¼	NW ¼
Latitude	38.969248	Longitude	-98.495316	Datum	WGS84	Elevation	1462				

WATER WELL LOCATION

☑ at owner's address

4860 Outlet Blvd, Lucas Kansas

WATER WELL OWNER

Name	U.S. Army Corp
Business	U.S. Army Corps of Engineers
Address	4860 Outlet Blvd Lucas Kar 67648

PERMIT & ID NUMBERS (AS REQUIRED)

DWR Application No.:

KDHE / EPA Project Code:

Site Name:

KDHE UIC Class V Form Completed: ☐ Yes ☐ No

County/Local Permit Required? ☐ Yes ☐ No

Permit Obtained? ☐ Yes ☐ No Permit ID:

Oil/Gas Lease Name & Well #:

CONSTRUCTION

Casing: Height above land surface: 18 in.

Is casing height less than 12 inches? ☐ Yes ☑ No

Blank Casing type: StainlessSteel

1st interval: Attac ft. to Attac ft.; Diameter Attac in.

Casing Joint: : Attached Weight: Attac lbs/ft

Wall thickness or gauge no.: Attached

2nd interval: ft. to ft.; Diameter in.

Casing Joint: : Weight: lbs/ft

Wall thickness or gauge no.:

3rd interval: ft. to ft.; Diameter in.

Casing Joint: : Weight: lbs/ft

Wall thickness or gauge no.:

Screen / Perforation material: Stainless steel

Specify if other:

Screen / Perforation openings: Wire wrapped

1st interval 47.5 ft. to 58.5 ft. Slot Size .02 inches

2nd interval 60.5 ft. to 66.5 ft. Slot Size .02 inches

3rd interval ft. to ft. Slot Size

WELL WATER USE

Other Relief Well

Additional info if required: Relief Well

# of Boreholes # of Dewatering Wells

COMPLETION

Depth of completed well: 91 ft.

Depth(s) groundwater encountered: ☐ Dry Well

(1) 8.95 ft.; (2) ft.; (3) ft.;

Static water level in well: 8.95 ft.

Date measured: 03/21/2025

Measured from: ✓ Top of Casing or ☐ Ground Surface

Measured: ☐ Above or ☑ Below Land Surface

Estimated yield: 250 gpm

Pump Test Date: Water level was:

26.2 ft. after 6 hours pumping 250 gpm

ft. after hours pumping gpm

Pump Information:

Pump Installed? ☐ Yes ☑ No Date:

Pump Type: Horsepower: Volts:

Drop Pipe Diameter: in. Drop Pipe Length: ft.

Water well disinfected? ✓ Yes ☐ No

Date disinfected (mm/dd/yy): 04/23/2025

CONSTRUCTION

Borehole interval:

from 0 to 91 ft.

from to ft.

from to ft..

Borehole diameter:

22 in.

in.

in.

Grout:

1st Interval: 0 ft. to 44 ft. Grout material: Cement

2nd Interval: 0 ft. to 44 ft. Grout material: Cement

3rd Interval: ft. to ft. Grout material:

Gravel pack: Not Used

1st Interval: 44 ft. to 58.5 ft. Gravel Size: 1/16 ☐

2nd Interval: 58.5 ft. to 66.5 ft. Gravel Size: 1/16 ☐

3rd Interval: ft. to ft. Gravel Size: ☐

DESIGNATED PERSON Matthew Bailey

WELL COMPLETION DATE 05/06/2025

CONTRACTOR BUSINESS NAME Contract Dewatering Services, Inc.

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT
Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka KS 66612-1367

WATER WELL RECORD (WWC-5) Constructed KOLAR DOC ID 1956961 WELL ID

LOCATION OF WATER WELL

County	Russell	Section	36	Township	12	Range	11 ☐E ☑W	Fraction	SE ¼ NE ¼ NW ¼		
Latitude	38.969248	Longitude	-98.495316	Datum	WGS84	Elevation	1462				
Well Owner	U.S. Army Corp			Well Owner Business	U.S. Army Corps of Engineers						

NEAREST SOURCE OF POTENTIAL CONTAMINATION or ✓ No potential source of contamination within 100 ft.

Source:	Source:
Distance from well (ft): Direction from well:	Distance from well (ft): Direction from well:
Source description:	Source description:
Required information for local entity? ☐ Yes ☐ No	Required information for local entity? ☐ Yes ☐ No

LITHOLOGIC LOG **AQUIFER, if known**

FROM	TO	LITHOLOGY
0	46	clay,fine,silty,gray,slightly moist,soft
46	82	sand,fine to coarse,dark,gray,saturated
82	91	sand & gravel,fine to coarse,gray,saturated

COMMENTS

This water well was constructed ☐ reconstructed pursuant to the stated water well contractor's license and was completed on 05/06/2025 . I certify that this record is true to the best of my knowledge and belief. This water well rcord was completed on 06/04/2026 under the business name of Contract Dewatering Services, Inc. , KS Water Well Contractor's License No. 925 under the authority of the designated person as defined in K.A.R. 28-30-2(j) and signed and certified by the electronic signature of the designated person at its submittal: Matthew Bailey . Send one copy to the water well owner and the contractor should retain one copy.

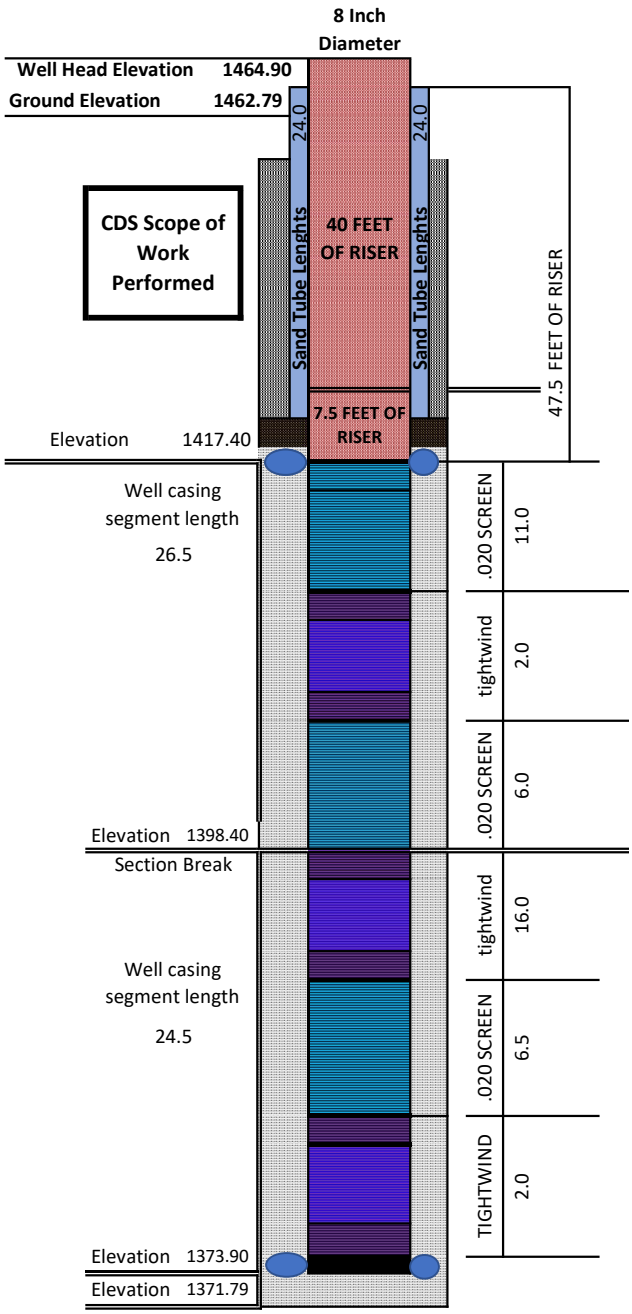
KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT
Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka KS 66612-1367

K.S.A. 82a-1212
v2024c

Form	WWC5.2 - Water Well Record
Doc ID	1956961
Well Owner	U.S. Army Corps of Engineers
Contractor	Contract Dewatering Services, Inc.

Casing

From	To	Casing Diameter	Casing Joint	Casing Weigh	Wall Thickness or Gauge Number
0	47.5	8	Splines	28.55	.322
58.5	60.5	8	Splines	28.55	.322
66.5	82.5	8	Splines	28.55	.322
89	91	8	Splines	28.55	.322



Note: Drilled and installed on 3/6/2025

Relief Well #W-6B

Relief Well Installation Diagram

NOT TO SCALE

Wilson Lake Dam
Saline River, Kansas
Install Relief Wells, P2-480831

Screen material to be supplied by:

Johnson Screens
New Brighton MN 55112
1-800-833-9473

Contact: Sandy Nelson

Riser material to be supplied by:

Johnson Screens
New Brighton MN 55112
1-800-833-9473

Contact: Sandy Nelson

ALL CASING IS ASTM A-312, GRADE T-304, SCHEDULE 40.
OVERALL LENGTH OF SCREEN INCLUDES WELDS RINGS
SCREENS ARE 304 AISI 18-a STAINLESS STEEL,
CONTINUOUS SLOT "V" WIRE WELD TO RODS.

SCREENS HAVE 0.020 INCH SLOT OPENINGS.

3/8 INCH THICK T-304 STAINLESS STEEL BOTTOM PLATE.

Overall Design Length	***91.0***
CDS installed total of well casings and screen-	***91.0***
Total Depth Drilled	***91.0***

Sediment in Well After Filter Pack Installation	5 ft.
Gallons Pumped for Initial Pumping @ 150gpm per LF of Filter Pack	3/8/2025
Drilling Method: Reverse Circulation	Yes
Borehole Diameter	20-Inch
Gallons at Start	694230
Gallons at End	722441
Total Gallons - This includes; filling pit & borehole, drilling, backfilling, and running a bypass line to decrease pressures on plumbing	28211
Drilling Additives	0
Elevation Top of Well Casing	1464.9
Top of Primary Filter Pack	1437.9
Top of Secondary Filter Pack	1439.9
Locations of Centralizers Shown on Diagram	

Portable Pit and 10 feet of 24 inch borehole = 4500 gallons = 3 gallons of Sodium Hypo Chlorite to reach 100ppm solution for drill water

Alignment Test	
Pass	